

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L1    | 225  | delegat\$3 with certificate                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 15:41 |
| L2    | 2    | 1 and (hierarch\$4 with namespace)                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 15:42 |
| L3    | 113  | 1 and (digital\$2 with sign\$3)                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 15:43 |
| L4    | 22   | 3 and namespace  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 15:44 |
| L5    | 1    | 4 and (computer\$1 with hierarch\$4)                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 15:44 |
| L6    | 20   | 4 and hierarch\$4  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 15:45 |
| L7    | 3    | (delegat\$3 with certificate) and<br>(delegat\$3 with tree)    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 16:15 |
| L8    | 2    | (delegat\$3 with certificate) and<br>(delegat\$3 with subtree) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 16:17 |
| L9    | 299  | hierarch\$4 with namespace\$1                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 16:18 |
| L11   | 8    | 9 and (digital\$2 with certificate\$1)                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/02/08 18:28 |

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| L12 | 1  | 9 and ((first with certificate\$1) and (second with certificate\$1)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/02/08 16:25 |
| L13 | 32 | serverless with computers  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/02/08 18:25 |
| L14 | 5  | 1 and 13   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/02/08 16:25 |
| L15 | 6  | serverless and Byzantine   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/02/08 18:27 |
| L16 | 5  | 1 and serverless   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/02/08 18:27 |
| L17 | 6  | serverless and (digital\$2 with certificate\$1)                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/02/08 18:36 |
| L18 | 4  | serverless and (digital\$2 with certificate\$1) and lock             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/02/08 18:37 |
| L19 | 6  | (byzantine and directory) and serverless                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/02/08 18:38 |
| L20 | 5  | (open with lock) and serverless                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2005/02/08 18:38 |
| S58 | 2  | ("6029168").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/06/23 19:47 |

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| S1    | 6143 | distribut\$3 with file with system   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/06/18 16:22 |
| S2    | 11   | byzantine with group   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/06/17 19:05 |
| S3    | 72   | byzantine with fault   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/06/17 19:06 |
| S4    | 63   | (byzantine with fault) not (byzantine with group)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/06/17 19:06 |
| S5    | 6    | ((byzantine with fault) not (byzantine with group)) and director\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/06/17 19:34 |
| S6    | 1    | (distribut\$3 with file with system) and (((byzantine with fault) not (byzantine with group)) not (((byzantine with fault) not (byzantine with group)) and director\$3)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/06/17 19:34 |
| S7    | 57   | ((byzantine with fault) not (byzantine with group)) not (((byzantine with fault) not (byzantine with group)) and director\$3)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/06/17 19:43 |
| S8    | 17   | (((byzantine with fault) not (byzantine with group)) not (((byzantine with fault) not (byzantine with group)) and director\$3)) and (distribut\$3 with computer\$1)      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/06/17 19:43 |
| S9    | 6143 | distribut\$3 with file with system   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/06/18 16:22 |
| S10   | 2207 | (distribut\$3 with file with system) and director\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2004/06/18 16:23 |

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| S11 | 52  | ((distribut\$3 with file with system) and director\$3) and (hierarch\$5 with namespace)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/18 17:03 |
| S12 | 22  | ((((distribut\$3 with file with system) and director\$3) and (hierarch\$5 with namespace)) and (director\$3 with entr\$3)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/18 16:25 |
| S13 | 30  | ((((distribut\$3 with file with system) and director\$3) and (hierarch\$5 with namespace)) not (((distribut\$3 with file with system) and director\$3) and (hierarch\$5 with namespace)) and (director\$3 with entr\$3))                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/18 17:03 |
| S14 | 27  | (((((distribut\$3 with file with system) and director\$3) and (hierarch\$5 with namespace)) not (((distribut\$3 with file with system) and director\$3) and (hierarch\$5 with namespace)) and (director\$3 with entr\$3))) and (distribut\$3 with computers) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/18 17:21 |
| S15 | 21  | (serverless with distribut\$3) and director\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/21 18:44 |
| S16 | 7   | Farsite  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/21 18:28 |
| S17 | 2   | "global file stores"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/21 18:29 |
| S18 | 198 | "global file"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/21 18:29 |
| S19 | 12  | "global file" and serverless   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/21 18:29 |

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| S20 | 6  | (serverless with distribut\$3) and director\$3 and Byzantine                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2004/06/21 18:44 |
| S21 | 29 | serverless with distribut\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2004/06/23 15:14 |
| S22 | 2  | ("6067545").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/06/24 11:25 |
| S23 | 1  | ((("6067545").PN.) and director\$3 and serverless                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2004/06/24 11:38 |
| S24 | 0  | ((("6067545").PN.) and director\$3) and distribut\$3 and file\$1 and hierarchical | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2004/06/24 11:27 |
| S25 | 1  | ((("6067545").PN.) and director\$3) and distribut\$3 and file\$1                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2004/06/24 11:27 |
| S26 | 1  | ((("6067545").PN.) and director\$3) and distribut\$3 and file\$1) and lock        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2004/06/24 11:27 |
| S27 | 1  | ((("6067545").PN.) and serverless   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2004/06/24 12:39 |
| S28 | 0  | byantine and directory  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2004/06/24 12:39 |
| S29 | 41 | byzantine and directory   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2004/06/24 12:39 |

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| S30 | 6     | (byzantine and directory) and serverless  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/08 18:38 |
| S31 | 35    | (byzantine and directory) not ((byzantine and directory) and serverless)                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/24 12:40 |
| S32 | 34    | ((byzantine and directory) not ((byzantine and directory) and serverless)) and distribut\$3 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/24 12:41 |
| S33 | 198   | delegat\$3 with certificate   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/08 15:40 |
| S34 | 2     | (delegat\$3 with certificate) and (hierarchical with namespace)                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/24 17:15 |
| S36 | 2     | (delegat\$3 with certificate) and (delegat\$3 with subtree)                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/08 16:16 |
| S38 | 50236 | open with lock  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/25 13:55 |
| S39 | 4     | (open with lock) and serverless   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/08 18:38 |
| S40 | 18517 | insert with lock  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/25 13:59 |
| S41 | 2     | (insert with lock) and serverless   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/25 13:55 |

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| S42 | 2631 | (open with lock) and (insert with lock)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/25 13:59 |
| S43 | 15   | ((open with lock) and (insert with lock)) and director\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/25 14:05 |
| S44 | 1712 | "insert lock"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/25 14:06 |
| S45 | 2    | "insert lock" and "delete lock"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/25 14:06 |
| S46 | 2    | "insert lock" and (manag\$3 with directory)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/25 14:07 |
| S47 | 4    | "insert lock" and directory  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/25 14:07 |
| S48 | 359  | lock with (insert\$3 or creat\$3 or add\$3) with (files or director\$3)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/25 14:28 |
| S49 | 209  | (lock with (insert\$3 or creat\$3 or add\$3) with (files or director\$3)) and director\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/25 14:28 |
| S50 | 86   | ((lock with (insert\$3 or creat\$3 or add\$3) with (files or director\$3)) and director\$3) and (distribut\$3 with file with system)                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/25 14:28 |
| S51 | 14   | ((((lock with (insert\$3 or creat\$3 or add\$3) with (files or director\$3)) and director\$3) and (distribut\$3 with file with system)) and serverless | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/25 17:07 |

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| S52 | 4 | "09236366" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/25 17:08 |
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